

PATENT APPLICATION TRANSMITTAL LETTER Docket Number: EMS-07002

To the Commissioner of Patents and Trademarks:

Transmitted herewith for filing under 35 U.S.C. 111 and 37 CFR 1.53 is the patent application of

Douglas E. LECRONE; Kevin C. HEASLEY; Vadim LONGINOV; Mark J. HALSTEAD; and David MEIRI

entitled DATA RECOVERY FOR VIRTUAL ORDERED WRITES FOR MULTIPLE STORAGE DEVICES

Enclosed are:

- 72 pages of written description, claims and abstract.
- 22 sheets of drawings.
- executed declaration of the inventors.
- executed assignment to EMC Corporation and check for \$40.00.

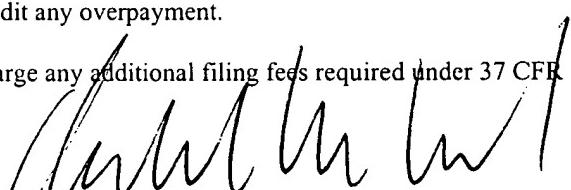
22154 U.S.PTO
10/724670



CLAIMS AS FILED

	NUMBER FILED	NUMBER EXTRA	RATE	FEE
BASIC FEE (37 CFR 1.16(a))			\$770	\$770.00
TOTAL CLAIMS (37 CFR 1.16(c))	18-20=	*0	x \$ 18	\$
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2- 3=	*0	x \$ 86	\$
MULTIPLE DEPENDENT CLAIM PRESENT		(37 CFR 1.16(d))		
* NUMBER EXTRA MUST BE ZERO OR LARGER			TOTAL	\$770
	If applicant has small entity status under 37 CFR 1.9 and 1.27 then divide total fee by 2, and enter amount here.		SMALL ENTITY	\$

- A check in the amount of \$770.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No. 031721 as described below. I have enclosed a duplicate copy of this sheet.
- Charge the amount of \$ _____ as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 CFR 1.16 and 1.17.


 Donald W. Muirhead, Reg. No. 33,978
 Customer No. 26339

December 1, 2003
 Date

Certificate of Express Mail

I, do hereby certify that the foregoing documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450, on December 1, 2003.


 Tracey Newell
 Express Mail Label: EV322609057US